

5 ATCCACCTTGGCCAGTTGCGCCTCTTCCAGCGTCATATCGTCACGCTCGAAATAG
 GCGCAGGTGTAGACCCAGGTGGGATCGAGGAACAACGCGAAGAAGTCATCCGA
 AATGTCGTAAGCCGACTGTGACTCTTCGTAATATGGTCTCAGCTTGGCCAT 3'

3. ORGANISM: *M.tuberculosis*
4. IMMEDIATE: Natural sequence
5. NAME / KEY: mmaA1
6. SEQUENCE ID # 1

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INFORMATION FOR SEQUENCE ID No: 2

1. SEQUENCE CHARACTERISTICS:

- 15 1. LENGTH : 864 bp.
2. TYPE : DNA

5'CTACTTCGCCAGCGTGAAGTGGTTGACGTCGATGTAGCCGACCCGGAACAGCT
 TGGCGCAGCCGGTCAGGTATTTTCATGTACCGCTCGTAGACCTCTTCGGACTGGA
 TCGCGATGGCCTCGCTTTTGTGTTCTGTCAGCGCCTCGGCCCACAGGTCGAGGGT
 20 CCTGGCGTAATGCGGCTGCAGCGACTGGCGGCGAGTCAGCGTGAAACCCGTCTT
 CGCCGACTGTTCTCAACCATTTCATCGTCGGAGGTTGGCCCCCGGGAAGAT
 TTCGGTCGCGATGAACTTGAGAAAGCGGGCCAGCCACAACGTGAGCGGCAAGC
 CGTGGTCGACCATCTGCTGCCTGGTCAGGCCGGTGATCGTGTGCAGCAGCAACA
 CGCCATCGGGCGGCAGGATTTTGTGGGCCCCGGGCGAAGAAGTCGGCGTGACGA
 25 TCGTGGCCGAAGTGCTCGAACGCGCCGATCGACACGATGCGGTCGACGGGCTCG
 TTGAACTGCTCCCATCCCGCCAGCAACACTCGCCTGTCGCGCGGGGTGTCCATCT
 CGTCGAACGACTTCTGCACATGGGCGGCCTGGTTCTTCGACAATGTCAGGCCGA
 CGACGTTGACGTCATACTGCGCGATCGCGCGCCGCATGGTGGCGCCCCAGCCGC
 AACCGATATCGAGCAGCGTCATGCCGGGCTGCAGACCTAGCTTGCCCAGCGCCA
 30 GGTGCATCTTGGCGATCTGGGCCTCTTCCAGCGTCATGTCCTCGCGTTTCAAATG
 CGCGCAGCTGTAGGTCTGGGTTCGGATCCAGGAACAGCCGGAAGAAGTCGTCGG